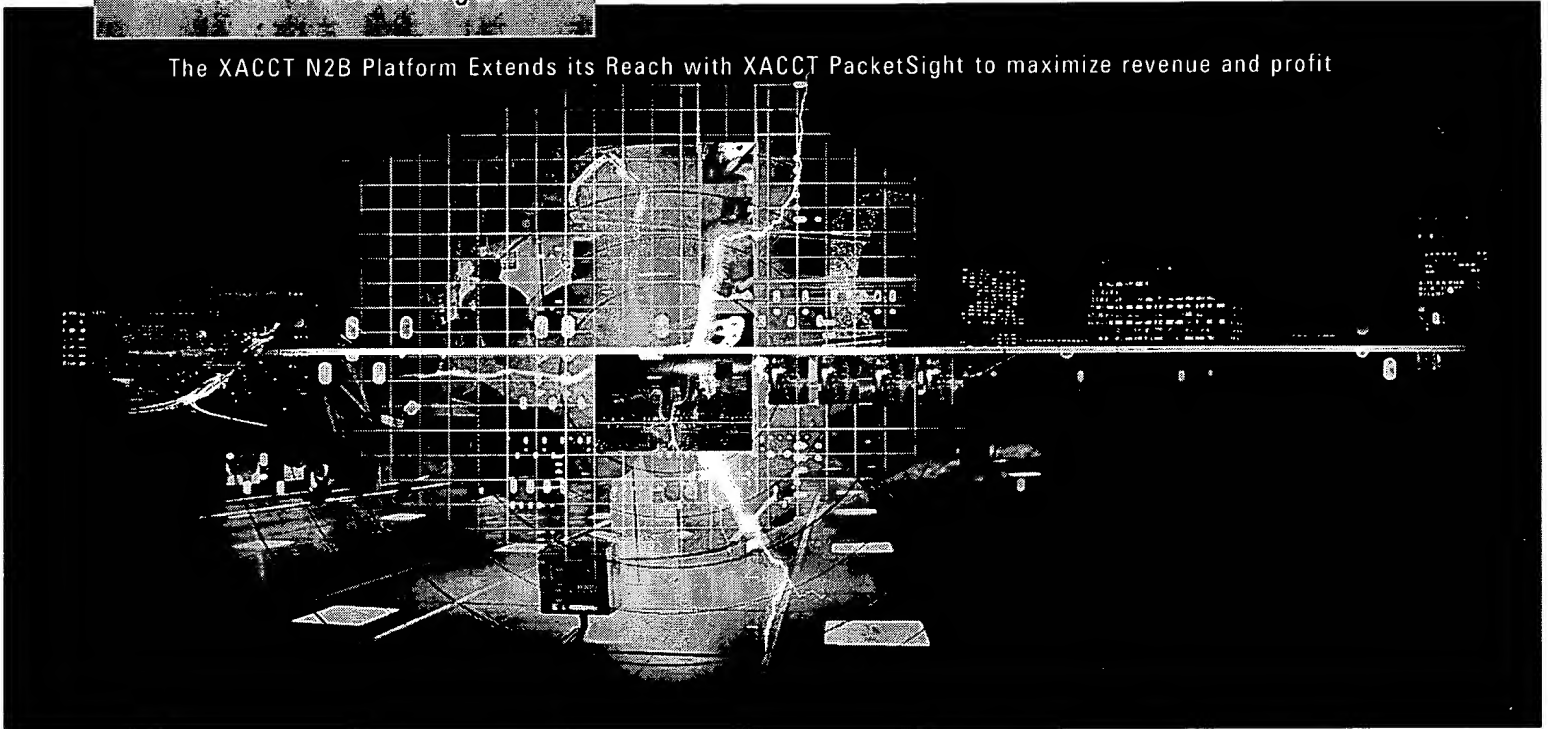It's how the Net profits.™

XaccT

XACCT *PacketSight*

The XACCT N2B Platform Extends its Reach with XACCT PacketSight to maximize revenue and profit

SEE HIGHER PROFITS WITH XACCT PACKETSIGHT—
NEW SOFTWARE AGENTS THAT EXTEND THE XACCT
NETWORK-TO-BUSINESS (N2B™) PLATFORM AND
PROVIDE A NEW LEVEL OF INFORMATION AND
UNDERSTANDING OF YOUR NETWORK.

The N2B platform allows service providers to understand how their networks are being used and then translate this knowledge into new revenue opportunities by developing and managing profitable value-based services. Now with XACCT *PacketSight*, the N2B platform advances the state of networking by giving service providers unprecedented insight into how their network and services are used.

Provides
unsurpassed
network
and service
insights
for maximizing
revenue and profit

Service Providers can use the XACCT N2B platform with XACCT *PacketSight* in a variety of applications:

- Backbone interconnect billing

- Business intelligence applications such as customer behavior analysis

- QoS analysis and reporting

- Content delivery efficiency

- Streaming media quality

- Usage-based billing

- Prepaid services, including mobile data environments

Gain

a broader and deeper level
of network usage

understanding

XACCT Technologies has led the industry with the innovative N2B platform. Now XACCT extends its lead with a new generation of network metering technology –XACCT PacketSight. The N2B platform with XACCT PacketSight provides network operators with a new level of understanding to operate their networks profitably:

- Most comprehensive network information in the world: any data, any source, any format, any application, any time

- Carrier-Grade: 100% revenue assurance with no packet loss

- Depth and Breadth of information that sets new industry benchmark: 170 parameters and 750 protocols

- NetStream Recognition Technology™ to see further, deeper into your network

- Dynamic Session Reconstruction provides complete understanding of a session

- Exhaustive Quality of Service (QoS) metrics (not just samples)

- Non-intrusive, introducing no traffic into the network

- Runs on standard hardware providing lower Total Cost of Ownership/ROI

The XACCT *PacketSight* agents are powered by XACCT Technologies' new patent-pending NetStream Recognition Technology™. This highly optimized software captures comprehensive application and service level QoS metrics, from areas of the network that until now have been virtually impossible to meter. These new agents are seamlessly deployed to obtain total visibility in all parts of your network and enable a complete understanding of network and service usage. The XACCT *PacketSight* agents collect, synthesize and feed additional information as part of the N2B platform, further extending the capabilities of this state-of-the-art platform.

N2B
networktobusiness

The N2B platform combines with XACCT PacketSight to allow network operators to answer questions that until now have gone unanswered:

- What are people really doing on my network?

- Have I lost data and associated revenue?

- Do I have a complete picture of the quality of service delivered?

- Is my content being delivered with the quality my users demand?

- What was the network latency, level of jitter, or number of packets sent and retransmitted at any point in time for any given service or application?

- Is it the network or the application server that is breaking my Service Level Agreements?

- Do I need to install more links or additional hardware?

- How fast is traffic growing between Point A and Point B?

- Where do people using my portal come from?

The N2B Platform with PacketSight

lights up
the darkest

corners

of the network and turns them into revenue
and profit generating assets

XACCT Network-to-Business Platform

LDAP Probe Email Router **XACCT PacketSight** VoIP DNS Mobile Network
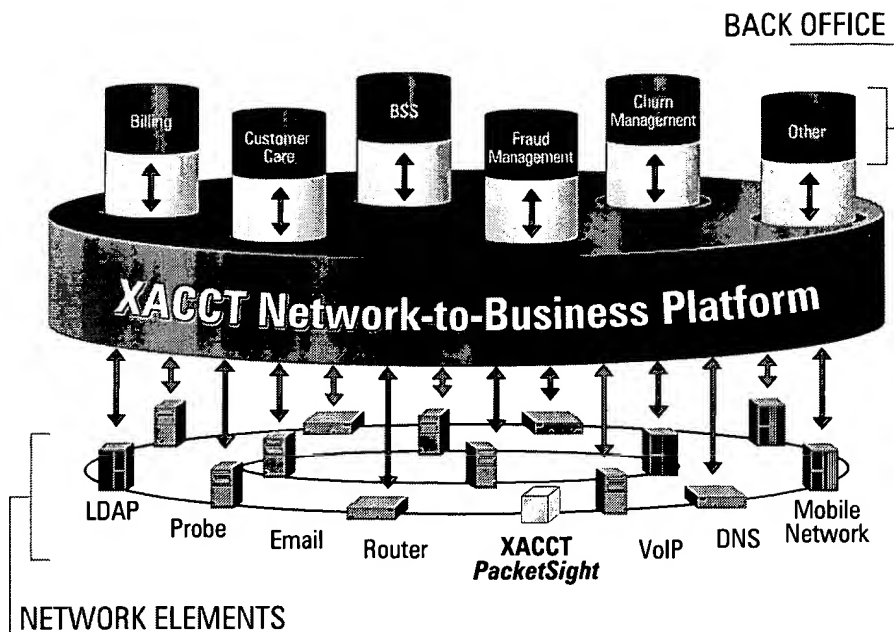
NETWORK ELEMENTS

XACCT's break-through NetStream Recognition Technology™

NetStream Recognition Technology dynamically tracks hundreds of thousands of concurrent network conversations, and tracks all the allocation of ports and sub-protocols for each conversation. This dynamic protocol coverage provides the most extensive coverage in the market. This is key to Managed Service Providers who are looking to charge for their applications based on usage. NetStream Recognition Technology and XACCT *PacketSight* enable them to profitably offer applications such as:

- Mail

- Groupware

- Internet services

- File Transfer Protocol (FTP) services

- Mobile applications

- Enterprise Resource Planning (ERP)

- Games and more

Broadest Protocol/Application Recognition in the Industry

The XACCT N2B platform with the XACCT *PacketSight* agents can reconstruct more than 750 network protocols, including the most popular protocols on the Internet such as HTTP. XACCT's platform analyzes layers 2 through 7 of the Open Systems Interconnection (OSI) reference model-from the data link layer to the application layer, so it gathers far more data than traditional RMON hardware probes operating at layers 2 and 3. This enables XACCT *PacketSight* to accurately attribute more Internet traffic to specific applications or services than any other system or vendor. In addition, XACCT *PacketSight* returns a comprehensive set of detailed metrics and attributes for the protocols covered.

Comprehensive Quality of Service Metrics

For each protocol XACCT *PacketSight* collects comprehensive QoS metrics, which are attributable to specific applications or services. The ability to profit from Quality of Service is closely linked to the ability to capture highly granular traffic data from the network. The XACCT N2B platform with *PacketSight* is unique in offering exhaustive QoS. Sampling-based solutions are not suitable for precise sub-second billing especially at higher line rates. XACCT *PacketSight* analyzes each and every packet on the network with nanosecond timing.

Data produced by XACCT *PacketSight* is enhanced further by XACCT*usage*-the engine in the N2B platform, by correlating it with information collected from thousands of network and service elements. The result is the most unique and comprehensive QoS record stream. This represents a fundamental breakthrough-XACCT *PacketSight* as part of the N2B platform is the first solution in the world to offer comprehensive QoS metrics-metrics that can be correlated at the application or service level.

Dynamic Session Reconstruction

Leveraging XACCT's comprehensive coverage of network elements in combination with XACCT *PacketSight* service element data enables the N2B platform to reconstruct sessions in a fully dynamic environment. XACCT's N2B solution enables total network visibility and tracks sessions across the entire network. This new product enables users to gather information at a multitude of different points within the network. As a result, XACCT's N2B platform provides the most comprehensive network information available today. This capability allows Application Service Providers to understand application use in a manner not possible before XACCT *PacketSight*.

The XACCT N2B

Platform
Extends
its reach with XACCT *PacketSight*
to maximize revenue
and profits

XACCT PacketSight is a carrier-grade solution

Building on XACCT*usage's* industry leading carrier grade N2B platform and its inherent scalability, reliability, and manageability; XACCT *PacketSight* provides a level of visibility into your network that was previously unavailable. Utilizing a non-intrusive design, XACCT *PacketSight* goes beyond sampling to provide a carrier/billing grade solution that exhaustively captures and processes all the information using its NetStream Recognition Technology. XACCT's N2B platform with XACCT *PacketSight* is able to clearly identify and answer the most compelling business and network questions. It answers the who, what, where, when and how of your network's utilization.

XACCT *PacketSight* is packaged as a set of Information System Modules (ISMs) within the XACCT N2B platform. This means that XACCT *PacketSight* is installed, configured and managed in exactly the same way as any other XACCT*usage* ISM module, which enables complete integration of XACCT *PacketSight* data with data collected from virtually every network and service element available on the market. XACCT *PacketSight* further extends XACCT's state-of-the-art N2B platform, ensuring that XACCT Technologies offers the most comprehensive Network-to-Business solution in the world.

XACCT PacketSight target customers include:

- Multi-vendor networks
- Content delivery networks
- Always-on broadband providers of wireless, cable, and Digital Subscriber Line (DSL) services
- Application Service Providers
- Collocated Service Providers
- Managed Service Providers (MSPs)
- Backbone/wholesale providers

The XACCT N2B Platform with XACCT *PacketSight* provides total network coverage and understanding —for the broadest, deepest understanding of your network data.

About XACCT Technologies

XACCT Technologies is the market and technology leader in intelligent business infrastructure software for Internet carriers and network service providers. XACCT's award-winning, carrier-class Network-to-Business platform speeds time to market and time to revenue for new Internet services while lowering service provider costs. XACCT offers the industry's first and only platform that enables real-time data capture and enhancement; seamless integration with any upstream business or operations application; and instantaneous, flow-through service provisioning.

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